



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-1051-B5; EX04-037C-US)

In the Application of:	)	
	)	
Chunyan Song, et al.	)	Art Unit: To Be Assigned
	)	
Serial No.: 10/556,938	)	
	)	Examiner: To Be Assigned
Filed: November 10, 2005	)	
	)	
For: RANBP2 as Modifier of the PTEN/IGF	)	
Pathway and Methods of Use	)	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the references cited below are enclosed. These references are also listed on the enclosed PTO Form 1449. This Information Disclosure Statement is being submitted prior to the issuance of the first Office Action. As such, no fee is due.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

**Foreign Documents**

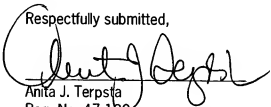
1. PCT Patent Publication No. WO 01/91699, published December 6, 2001.

### Other Documents

2. Scanga et al., The conserved PI3K/PTEN/Akt signaling pathway regulates both cell size and survival in *Drosophila*, *Oncogene* (2000).
3. Mills et al., Linking molecular therapeutics to molecular diagnostics: Inhibition of the FRAP/RAFT/TOR component of the PI3K pathway preferentially blocks PTEN mutant cells in vitro and in vivo (2001).
4. Kandasamy et al., Role of the Phosphatidylinositol 3' -Kinase/PTEN/Akt Kinase Pathway in Tumor Necrosis Factor-related Apoptosis-inducing Ligand-induced Apoptosis in Non-Small Cell Lung Cancer Cells, *Cancer Research* (2002).
5. Levine et al., Coordination and communication between the p53 and IGF-1-AKT-TOR signal transduction pathways (2006).

In accordance with MPEP Sections 609 and 707.05(b), it is requested the document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Date: September 25, 2006

Respectfully submitted,  
  
By: Anita J. Terpsta  
Reg. No. 47,132  
**McDonnell, Boehnen Hulbert & Berghoff**  
300 South Wacker Drive  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/556,938
Filing Date	November 10, 2005
First Named Inventor	Chunyan Song
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	05-1051-B5

Sheet 1

of

1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/R.S./	B2	Mills et al., Linking molecular therapeutics to molecular diagnostics: Inhibition of the FRAP/RAFT/TOR component of the PI3K pathway preferentially blocks PTEN mutant cells in vitro and in vivo (2001).	
/R.S./	B3	Scanga et al., The conserved PI3K/PTEN/Akt signaling pathway regulates both cell size in survival and Drosophila, Oncogene (2000).	
/R.S./	B4	Kandasamy et al., Role of the Phosphatidylinositol 3'-Kinase/PTEN/Akt Kinase Pathway in Tumor Necrosis Factor-related Apoptosis-inducing Ligand-induced Apoptosis in Non-Small Cell Lung Cancer Cells, Cancer Research (2002).	
/R.S./	B5	Levine et al., Coordination and communication between the p53 and IGF-1-AKT-TOR signal transduction pathways (2006).	

Examiner Signature	/Richard Schnizer/	Date Considered	06/12/2009
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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In the Application of:

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Serial No.: 10/556,938

Filed: November 10, 2005

For: RANP2 as Modifier of the PTEN/IGF  
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Art Unit: To Be Assigned

Examiner: To Be Assigned

TRANSMITTAL LETTER

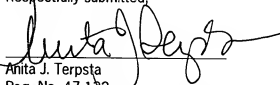
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In regard to the above identified application:

1. We are transmitting herewith the attached:
  - a. Supplemental Information Disclosure Statement;
  - b. PTO Form-1449;
  - c. Copies of 5 cited references; and
  - d. Return Receipt Postcard.
2. With respect to additional fees, no fee is believed to be due at this time.
3. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 29, 2006.

Respectfully submitted,

By:

  
Anita J. Terpsta  
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Chicago, IL 60606



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The information provided by you in this form will be subject to the following routine uses:

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.